

P1500D1R.D1



PATENT  
*PAW*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Youichi Imamura      Group Art Unit: 2675  
Serial No.: 10/677,165      Examiner: Not Yet Assigned  
Filed: October 1, 2003  
Title: DISPLAY AND DISPLAY DRIVER WITH ON/OFF POWER CONTROLLER  
USED TO PREVENT DAMAGE TO THE DISPLAY

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence and the documents attached hereto, are, on this date, being deposited with the United States Postal Service with sufficient postage as "First Class" mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: June 30, 2005

*[Signature]*  
Ann F. George

**THIRD REQUEST FOR CORRECTED FILING RECEIPT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In connection with the above-identified patent application, an error has been noted in the filing receipt with respect to the following data:

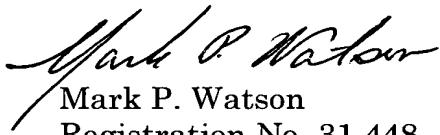
Domestic Priority data as claimed by applicant:

Please insert --which is a 371 of PCT/JP91/00785 06/11/1991-- after "ABN".

**(Please see Exhibits A and B)**

Applicant has submitted clear and convincing evidence that the prior application Serial No. 07/834,295 was in fact a national stage application under 35 U.S.C. 371. If the Office disagrees, please call applicant's attorney below at (408) 952-6124.

Respectfully submitted,



Mark P. Watson  
Registration No. 31,448

Please address all correspondence to:  
Epson Research and Development, Inc.  
Intellectual Property Department  
150 River Oaks Parkway, Suite 225  
San Jose, CA 95134  
Customer No. 20178  
Phone: (408) 952-6124  
Facsimile: (408) 954-9058

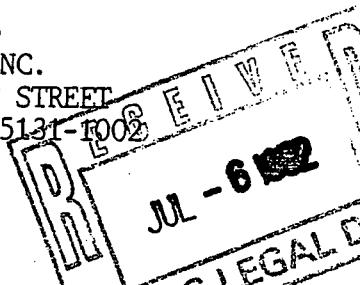
Date: June 30, 2005



# Best Available Copy

P150006

GREGORY D. OGROD  
S-MOS SYSTEMS, INC.  
2460 NORTH FIRST STREET  
SAN JOSE, CA 95131-1002



UNITED STATES DESIGNATED/ELECTED  
OFFICE (DO/EO/US)  
NOTIFICATION OF ACCEPTANCE OF  
APPLICATION UNDER 35 U.S.C. 371  
AND 37 CFR 1.494 OR 1.495

Date of Mailing **25 JUN 1992**

File Reference

## IDENTIFICATION OF THE INTERNATIONAL APPLICATION

International application Number	International filing date	Priority date claimed
PCT/JP91/00785	11 JUNE 1991	18 JUNE 1990

Applicant for DO/EO/US  
YOUICHI IMAMURAL

## NOTIFICATION

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a  Designated Office,  Elected Office, has determined that the above identified international application has met the requirements of 35 U.S.C. 371 and 37 CFR  1.494,  1.495 and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Serial Number assigned to the application and the relevant dates are:

07/834,295 09 April 92 09 April 92  
U.S.NATIONAL SERIAL NO. 35 U.S.C.102(e) DATE DATE OF RECEIPT 35 U.S.C.  
371 REQUIREMENTS

A request for immediate examination under 35 U.S.C. 371 (f) was received on \_\_\_\_\_ and the application will be examined in turn.

No request for immediate examination under 35 U.S.C. 371(f) was received. The application will not be processed or examined before the time limit set forth in either  PCT Article 23 (Chapter I of the PCT), or  PCT Article 40 (Chapter II of the PCT) whichever is applicable.

EXHIBIT

A

AUGUST 1992  
REGINA WHITE  
INTERNATIONAL DIVISION

ADDRESS ONLY:  
COMMISSIONER OF PATENTS AND TRADEMARKS  
Box PCT, Attn. DO/EO/US  
Washington, D.C. 20231

AUTHORIZED OFFICER  
REGINA WHITE  
INTERNATIONAL DIVISION



1111 05 2005

**E C E I V E D**

MAR 24 1992

07834295

<p style="text-align: right;">SEARCHED INDEXED TRADEMARK OFFICE</p> <p>GREGORY D. OGROD S-MOS SYSTEMS, INC. 2460 NORTH FIRST STREET JAN JOSE, CA 95131-1002</p>		<p><b>UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)</b></p> <p><b>MISSING REQUIREMENTS UNDER 35 U.S.C. 371 AND 37CFR 1.494 OR 1.495</b></p> <p>Date of Mailing <b>09 MAR 1992</b></p> <p>Applicant's or Agent's Reference <b>P15000b</b></p>
<b>IDENTIFICATION OF THE INTERNATIONAL APPLICATION</b>		
IA Number <b>PCT/JP91/00785</b>	IFD <b>6/11/91</b>	Priority Date Claim <b>6/18/90</b>
<p>Applicant for DO/EO/US <b>YOUICHI IMAMURA</b></p>		
<b>NOTIFICATION</b>		
<p>The following items required to enter the United States Patent and Trademark Office as a : <input checked="" type="checkbox"/> Designated <input type="checkbox"/> Elected Office by <input checked="" type="checkbox"/> 20 months <input type="checkbox"/> 30 months from the earliest claimed priority date have been received:</p>		
<p><u>From the International Bureau:</u></p> <p>Copy of application in the language of</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> filing, i.e.</li> <li><input type="checkbox"/> English, as published when filed in a non-publication language.</li> <li><input type="checkbox"/> filing and publication, i.e.</li> </ul> <ul style="list-style-type: none"> <li><input type="checkbox"/> Copy of Article 19 amendments in the language of publication.</li> <li><input type="checkbox"/> International Preliminary Examination Report in English and its Annexes, if any, in language in which filed.</li> </ul>		
<p><u>From applicant:</u></p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> U.S. National Fee.</li> <li><input checked="" type="checkbox"/> Oath or declaration of applicant(s) for DO/EO/US.</li> <li><input type="checkbox"/> Translation of application into English.</li> <li><input type="checkbox"/> Translation of Article 19 amendments into English.</li> <li><input type="checkbox"/> Translation of Annexes, if any, to International Preliminary Examination Report into English.</li> <li><input type="checkbox"/> Copy of Article 19 amendments, if not transmitted by the International Bureau, in the language of publication.</li> </ul>		
<p>The following items must be received by <input checked="" type="checkbox"/> 22 <input type="checkbox"/> 32 months from any claimed priority date for the application to be accepted for examination:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Translation of application into English</li> <li><input type="checkbox"/> Processing fee for providing the translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from any claimed priority date (37 CFR 1.492 (f)) \$30.00.</li> </ul> <p>U.S. National Fee:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) - \$330 (Small Entity \$165)</li> <li><input type="checkbox"/> No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445) (a) (2) \$ 370 (Small Entity \$185)</li> <li><input type="checkbox"/> No international preliminary examination fee (37 CFR 1.482) and no international search fee (37 CFR 1.445) (a) (2) paid to USPTO-\$500 (Small Entity \$250)</li> <li><input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1) to (4)-\$50 (Small Entity \$25)</li> </ul> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Oath or declaration of the applicant(s) for DO/EO/US</li> <li><input checked="" type="checkbox"/> Surcharge for providing the fee and/or oath or declaration later than <input checked="" type="checkbox"/> 20 <input type="checkbox"/> 30 months from any claimed priority date (37 CFR 1.492(e)) \$120 (Small Entity \$60)</li> </ul>		
<p>ALL REQUIREMENTS UNDER 35 U.S.C.371 AND 37 CFR <input checked="" type="checkbox"/> 1.494 <input type="checkbox"/> 1.495 INCLUDING ANY NECESSARY SURCHARGE AND PROCESSING FEE, MUST BE RECEIVED BY <input checked="" type="checkbox"/> 22 <input type="checkbox"/> 32 MONTHS FROM ANY CLAIMED PRIORITY DATE TO AVOID ABANDONMENT OF THE APPLICATION IN THE UNITED STATES OF AMERICA.</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> The Article 19 amendments are cancelled since a translation was not provided by</li> <li><input type="checkbox"/> 20 <input type="checkbox"/> 30 months from any claimed priority date as required by 37 CFR</li> </ul>		

**UNITED STATES DESIGNATED/ELECTED OFFICE**

**Address Only:**

Commissioner of Patents and Trademarks  
Box PCT  
Washington, D.C. 20231 Attn: DO

**Authorized Officer**

**REGINA WHITE** *Regina*  
**INTERNATIONAL DIVISION**

**EXHIBIT**

P



O I P E  
JUL 05 2005  
PATENT & TRADEMARK OFFICE  
U.S. DEPARTMENT OF COMMERCE

(MPW)

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
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P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/677,165	10/01/2003	2675	900	P1500D1R.D1	9	18	3

**CONFIRMATION NO. 7833**

20178  
EPSON RESEARCH AND DEVELOPMENT INC  
INTELLECTUAL PROPERTY DEPT  
150 RIVER OAKS PARKWAY, SUITE 225  
SAN JOSE, CA 95134

**CORRECTED FILING RECEIPT**  
**\*OC000000016137630\***  
\*OC000000016137630\*

Date Mailed: 05/26/2005

Receipt is acknowledged of this reissue Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Youichi Imamura, Suwa-shi, JAPAN;

MAY 31 2005

**Power of Attorney:** The patent practitioners associated with Customer Number 20178.

**Domestic Priority data as claimed by applicant**

This application is a DIV of 09/854,349 05/11/2001  
which is a REI of 08/582,771 01/02/1996 PAT 5,903,260  
which is a DIV of 08/267,103 06/23/1994 PAT 5,563,624  
which is a CON of 07/834,295 04/09/1992 ABN, which is a 371 of PCT/JP91/00785

**Foreign Applications**

JAPAN JP159416/90 06/18/1990

06/11/1991

**If Required, Foreign Filing License Granted:** 03/16/2005

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/677,165**

**Projected Publication Date:** None, application is not eligible for pre-grant publication

**Non-Publication Request:** No



~~UNITED STATES PATENT AND TRADEMARK OFFICE~~

O I P E  
JUL 05 2005  
PATENT & TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
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PO. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
10/677,165	10/01/2003	Youichi Imamura	P1500D1R.D1

**CONFIRMATION NO. 7833**

20178  
**EPSON RESEARCH AND DEVELOPMENT INC**  
 INTELLECTUAL PROPERTY DEPT  
 150 RIVER OAKS PARKWAY, SUITE 225  
 SAN JOSE, CA 95134

\*OC000000016136724\*  
 \*OC000000016136724\*

Date Mailed: 05/26/2005

### **Notice Regarding Benefit/Priority Claim(s)**

**Improper Benefit Claim(s) to Prior-Filed Nonprovisional Application(s)**

The benefit claim(s) to prior-filed nonprovisional application(s) is improper because there is no specific reference for each prior-filed application that includes: (1) the identification of the prior-filed application by application number, or international application number and international filing date; and (2) a clear indication the relationship (i.e., continuation, divisional, or continuation-in-part) of the nonprovisional applications. For example, applicant should amend the specification to include a specific reference, such as "This application is a continuation of Application No. 10---,--- filed ---." in the first sentence of the specification following the title.

Applicant should review each benefit claim submitted and, if appropriate, provide the proper reference to the prior-filed application(s) as required by 37 CFR 1.78. A proper relationship includes an identification of each nonprovisional application as a continuation, divisional or continuation-in-part application of the immediate prior-filed nonprovisional application for which a benefit is claimed under 37 CFR 1.78 in order to establish copendency throughout the entire chain of prior-filed applications. The specific reference must be included in the domestic priority information section of an application data sheet (37 CFR 1.76), or the specification must contain, or be amended to contain, such reference in the first sentence following the title.

**Timeliness:** The required reference for each benefit claim must be filed during the pendency of the instant application and within the later of: (1) four months from the actual filing date of the instant application, or the national stage commencement date if the instant application is a national stage application under 35 U.S.C. 371; or (2) sixteen months from the filing date of the prior-filed application. Failure to timely file the required reference is considered a waiver of any benefit claim, unless a grantable petition to accept an unintentionally delayed claim under 37 CFR 1.78(a), the surcharge set forth in 37 CFR 1.17(t), and the required reference are filed. See 37 CFR 1.78(a).

**Improper Benefit Claim(s) to Prior-Filed Nonprovisional Application(s)**

The benefit claim(s) to prior-filed provisional application(s) is improper because the instant application was not filed within twelve (12) months from the filing date of the provisional application,

and there is no indication of an intermediate nonprovisional application that is directly claiming the benefit of the provisional application and filed within 12 months of the filing date of the provisional application. For example, applicant should amend the specification to include a specific reference, such as "This application is a continuation of Application No. 10/---,--- filed ---, which claims the benefit of U.S. Provisional Application No. 60/---,--- filed---." in the first sentence of the specification following the title.

Applicant should review each benefit claim submitted and, if appropriate, provide the proper reference to the prior-filed applications (including an indication of any intermediate nonprovisional application that is directly claiming the benefit of the provisional application and filed within 12 months of the filing date of the provisional application) as required by 37 CFR 1.78. The required reference must be included in the domestic priority information section of an application data sheet (37 CFR 1.76), or the specification must contain, or be amended to contain, such reference in the first sentence following the title.

**Timeliness:** The required reference for each benefit claim must be filed during the pendency of the instant application and within the later of: (1) four months from the actual filing date of the instant application, or the national stage commencement date if the instant application is a national stage application under 35 U.S.C. 371; or (2) sixteen months from the filing date of the prior-filed application. Failure to timely file the required reference is considered a waiver of any benefit claim, unless a grantable petition to accept an unintentionally delayed claim under 37 CFR 1.78(a), the surcharge set forth in 37 CFR 1.17(t), and the required reference are filed during the pendency of the instant application.

#### **Improper Priority Claim(s) to Prior-Filed Foreign Application(s)**

The instant application was not filed within twelve (12) months from the filing date of the prior-filed foreign application, and there is no benefit claim to an intermediate nonprovisional application filed within 12 months of the filing date of the foreign application. Applicant should review each priority claim submitted and, if appropriate, provide the proper reference to any intermediate nonprovisional application filed within 12 months of the filing date of the foreign application in compliance with 37 CFR 1.78, or delete the priority claim. The required reference to an intermediate nonprovisional application must be included in the domestic priority information section of an application data sheet (37 CFR 1.76), or the specification must contain, or be amended to contain, such reference in the first sentence following the title.

**Timeliness:** The required reference for the benefit claim to an intermediate nonprovisional application must be filed during the pendency of the instant application and within the later of: (1) four months from the actual filing date of the instant application, or the national stage commencement date if the instant application is a national stage application under 35 U.S.C. 371; or (2) sixteen months from the filing date of the prior-filed application. Failure to timely file the required reference is considered a waiver of any benefit claim, unless a grantable petition to accept an unintentionally delayed claim under 37 CFR 1.78(a), the surcharge set forth in 37 CFR 1.17(t), and the required reference are filed.

#### **Benefit Claims to More Than 400 Prior-Filed Applications**

The Office's automated system to record and capture benefit claims is only capable of recording benefit claims for 400 prior-filed applications. Therefore, the Office is unable to generate a filing receipt containing benefit claims for more than 400 prior-filed applications even though applicant is entitled to submit benefit claims for more than 400 prior-filed applications. Accordingly, applicant should not request a corrected filing receipt to include benefit claims for more than 400 prior-filed applications.



**Prior-Filed Nonprovisional Application has been Improperly Indicated as a National Stage (35**

### **U.S.C. 371) Application**

Applicant submitted a benefit claim to a prior-filed nonprovisional application and improperly indicated that the prior-filed application is a national stage application under 35 U.S.C. 371. The Office's records show that the prior-filed application is an application filed under 35 U.S.C. 111(a). The Office has entered the benefit claim to the prior-filed application as a benefit claim to an application filed under 35 U.S.C. 111(a). Any request for a corrected filing receipt to include the indication that the prior-filed application is a national stage application will not be granted unless applicant supplies evidence that the prior application was in fact a national stage application. Accordingly, applicant should not submit such request without such evidence. Applicant should submit an amendment (or an application data sheet (ADS) if the benefit claim was submitted in an ADS) to delete the indication that the prior-filed application is a national stage application.

For more information and examples on benefit claims, please see Claiming the Benefit of a Prior-Filed Application under 35 U.S.C. 119(e), 120, 121, and 365(c), 1268 Off. Gaz. Pat. Office 89 (March 18, 2003), which is available on the USPTO website at <http://www.uspto.gov/web/offices/com/sol/og/2003/week11/patbene.htm>, and the Manual of Patent Examining Procedure (MPEP) §§ 201.11 and 201.14.

### **PART 2 - COPY TO BE RETURNED WITH RESPONSE**